

USC-UCLA Center on Biodemography and Population Health Gene Expression Workshop

Location: UCLA Campus, Luskin Conference Center, Exploration Meeting Room

Agenda

September 12, 2022

- 9:00 – 9:30 Introductions: Background & interests
- 9:30 – 10:00 Gene expression in the social & behavioral sciences
- 10:00 – 10:30 Pragmatic issues: Study design, RNA sample acquisition, storage, and assay
- 10:30 – 11:00 Refreshment break
- 11:00 – 12:30 Statistical analysis & bioinformatics – high level concepts
- 12:30 – 1:30 Lunch break
- 1:30 – 3:00 Statistical analysis & bioinformatics – tips, tricks, and painful lessons
- 3:30 – 4:00 Refreshment break & informal Question / Answer session
- 4:00 – 5:00 Review and wrap-up for the day. Tomorrow: DIY workshop; assemble groups
- 6:00 - Group dinner at Luskin Center

September 13, 2022

- 9:00 – 10:00 Round-Robin: Present your project & on-the-spot consulting
- 10:00 – 10:30 Begin applying the methods to data (supplied practice dataset or your own)
- 10:30 – 11:00 Refreshment break
- 11:00 – 12:30 Continue working with your own data with individual consulting
- 12:30 – 1:30 Lunch break
- 1:30 – 3:30 Continue working with your own data with individual consulting
- 3:30 – 4:00 Refreshment break
- 4:00 – 5:00 Review: Present progress and discuss results/next steps with the group